

For Research Use Only

# TOR4A Polyclonal antibody

Catalog Number: 31918-1-AP



## Basic Information

<b>Catalog Number:</b> 31918-1-AP	<b>GenBank Accession Number:</b> NM_017723	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 700 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54863	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NXH8	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 9 open reading frame 167	
<b>Immunogen Catalog Number:</b> AG36307	<b>Calculated MW:</b> 46kDa	
	<b>Observed MW:</b> 38, 40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : THP-1 cells, HCT 116 cells, HeLa cells
<b>Species Specificity:</b> human	

## Background Information

TOR4A is known to be a member of the AAA+ ATPase superfamily of proteins that are involved in the degradation of misfolded proteins via the endoplasmic reticulum-associated protein degradation (ERAD) pathway (PMID: 25873482). TOR4A is an oncogene and that DNER acts as a tumor suppressor gene by inhibiting TOR4A and its functions of promoting p-AKT and inhibiting antiapoptotic protein expression (PMID: 36204885).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

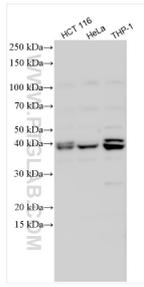
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## Selected Validation Data



THP-1 cells, HCT 116 cells, HeLa cells lysates were subjected to SDS PAGE followed by western blot with 31918-1-AP (TOR4A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.